

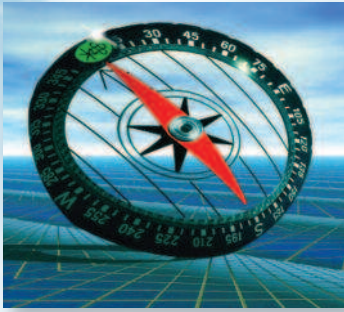


The Sullair 1600 Portable Air Compressor

1600 cfm at 100 psig ■ 45.3 m³/min at 7 bar

- Rotary screw compressor
- 0 to 100% capacity control
- COMPASS® controller
- Electronic engine control
- Curbside instrument panel – in weather tight enclosure
- Protective shutdown switches
- Two-stage air filters with safety element
- Ample service doors
- Containment frame
- AWF compressor fluid
- Galvanneal sheet metal
- Three mounting options:
 - Less running gear
 - Four-wheel steerable
 - Tri-axle–
 - Electric brakes
 - Mechanical parking brake
 - E-Z lube axle


SULLAIR®
Always air. Always there.®



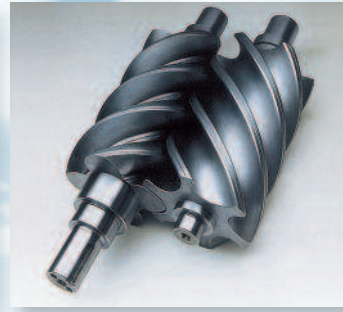
COMPASS® Controller

The brains of the system monitors every aspect of the compressor and engine.



Monitoring and Control System

The user friendly control panel (housed in a weather tight enclosure) provides real time system information.



Rotary Screw Compressor by Sullair

The pioneer in rotary screw technology.



Sullair AWF Compressor Fluid

Improved hot and cold weather lubrication. Longer compressor fluid life. Extended air end warranty.

Designed for Total Accessibility and Reliability

COMPASS® Controller

Gauges and a LCD graphic display on the COMPASS® Controller indicate:

- Discharge pressure
- Discharge temperature
- Ambient air temperature
- Separator restriction
- Aftercooler air temperature and louver activation if equipped
- Engine speed
- Hours of operation
- Voltage
- Engine coolant temperature
- Engine coolant level
- Fuel level
- Fuel usage rate
- Fuel pressure
- Fuel temperature
- Percent engine load
- Engine air temperature

- Engine oil pressure
- Compressor and engine status
- An engine diagnostic service port, displayed diagnostic messages and retrievable shutdown history includes all monitored system parameters at time of shutdown
- High/low selector switch and a rocker type start switch are also provided
- Back lit switches and gauges for night use
- E-stop, and auto and remote start capability

Indicator Lights for:

- Low fuel
- High compressor temperature
- Compressor shutdown and warning
- Engine shutdown and warning

0 to 100% Capacity Control

- Automatic inlet valve and unloaded starting

Containment Frame

- Heavy duty frame with complete fluid containment
- Bulkhead drain valves for all fluids are provided

Ample Padlockable Service Doors

- Large front and side doors provide access to air filters, engine and compressor
- Rear side service doors provide access to fuel tank and batteries
- Serviceable components within easy reach
- Routine maintenance is simplified
- Reduced downtime and service cost
- Service doors feature stainless hinges and steel T-type door retainers

Two-Stage Dry Type Air Filters

- Filters incorporate safety elements and are positioned to draw cool ambient air

Three Mounting Options

- Highway towable tri-axle version includes electric brakes, mechanical parking brake, restraining tow chains and E-Z lube axle system
- Four-wheel steerable mounting
- Less running gear on mounting rails
- All have tie down locations built into frame

Low Emissions Engine Technology

- Complies with Tier 3 and Stage 3 emissions legislation

Air End Warranty

- 5-year or 10,000-hour warranty when continuously serviced at the recommended intervals with Sullair AWF Compressor Fluid and filters

Quiet Operation

- Meets US EPA sound requirements of 76 dBA @ 7 meters

Customize the compressor to meet your specific requirements with Sullair's options

Block heater
Special color paint

Aftercooler and filters / louvers: aftercooler and filters provide instrument quality air that meets ISO 8573-1: Class 1.7.1 Compressed Air Standard

SPECIFICATIONS, WEIGHTS AND DIMENSIONS—SULLAIR 1600 PORTABLE COMPRESSOR

Delivery @ Rated Pressure	Rated Pressure psig bar	Pressure Range		Designated Model	Weight (wet)		Length (drawbar)		Length (canopy)		Width in mm	Height* (canopy) in mm	Track Width in mm	Tire Size (load range)			
		psig	bar		lbs	kg	in	mm	in	mm							
1600 acfm 755 l/s 45.3 m ³ /min	100 7	80–125	5.5–8.5	Tri-Axle Mount	16260	7376	240	6096	179	4547	88	2235	92	2337	77	1956	ST 235/80R16 (E)
				4-Wheel Mount	15930	7226	244	6198	179	4547	88	2235	101	2565	78	1981	8.25 X 15 TR (F)
				Without Running Gear	15160	6877	–	–	179	4547	88	2235	83	2108	–	–	–

Engine Make	Engine Type	Engine Model	Displacement in ³ l	Cylinders	Cycles	Bore and Stroke in mm	Rated Speed rpm	Rated Power hp kW
Caterpillar	Diesel	C-15 ATAAC	928 15.2	6	4	5.40 x 6.7 137 x 171	1800	475 354

Capacity per CAGI/PNEUROP PN2CPTC3. (Annex D to ISO 1217)

*Add 6 in (152 mm) for overall clearance height.



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